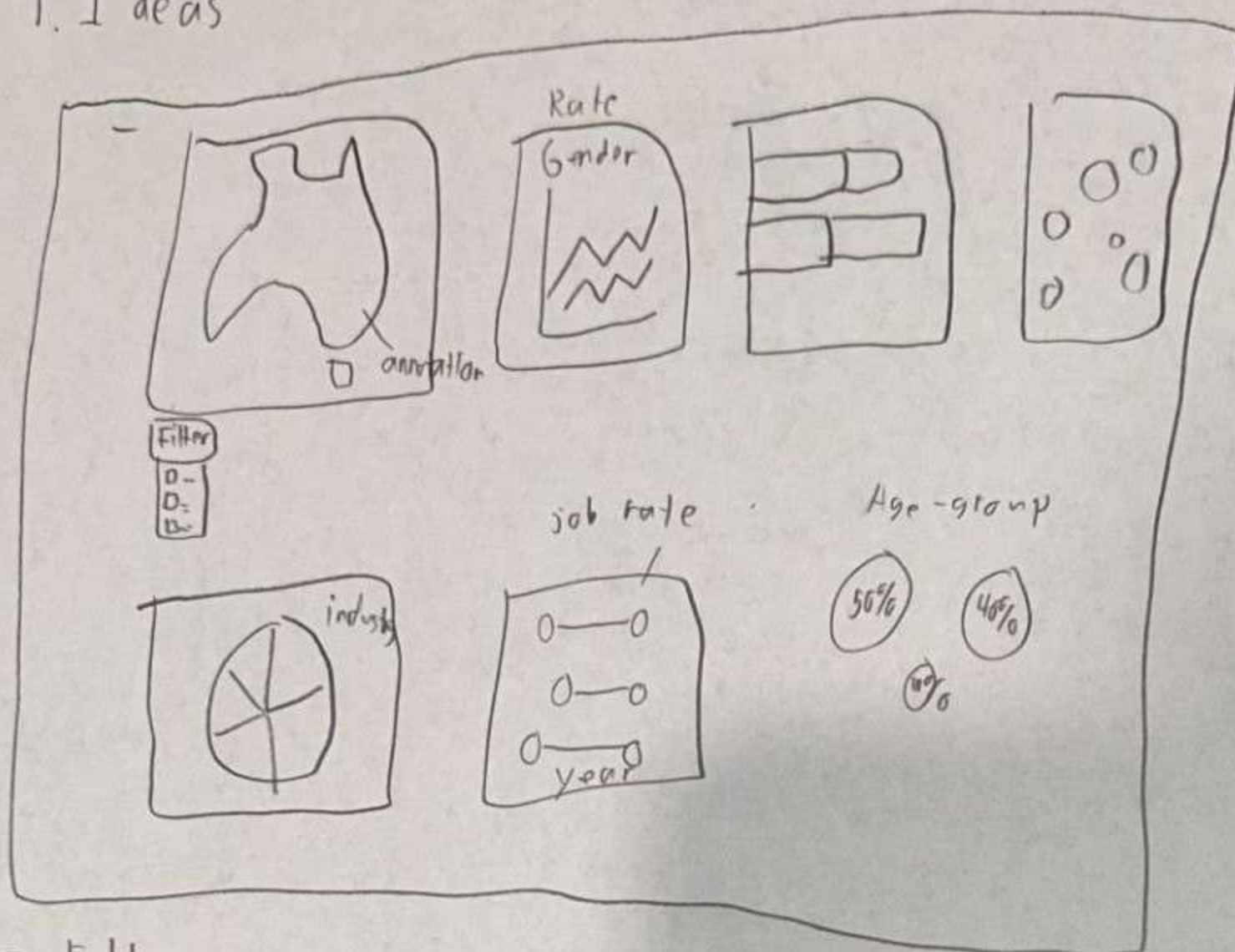
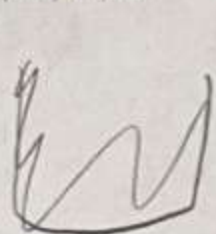


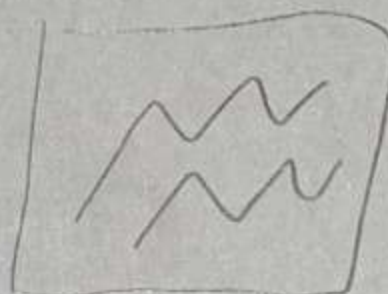
1. Ideas



2. Filter



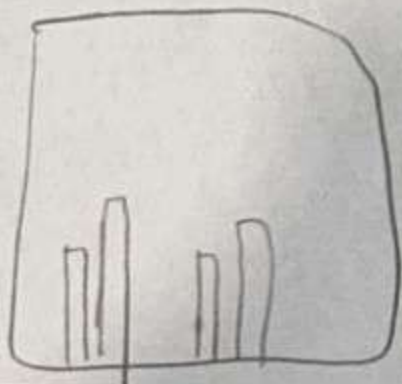
LEIB



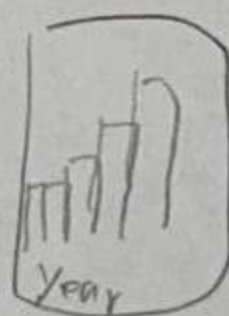
Map of Australia or the world showing the rate. Filter by year? or by other qualitative data

Line graph for comparing by age or industry or Gender

combine ⇒



paired bar? For Gender and age maybe combined in one graph. Maybe add time-series if not too cluttered.



Categorize

Attributes

Gender
State/cities
- Age Range
- Job type (part-time)

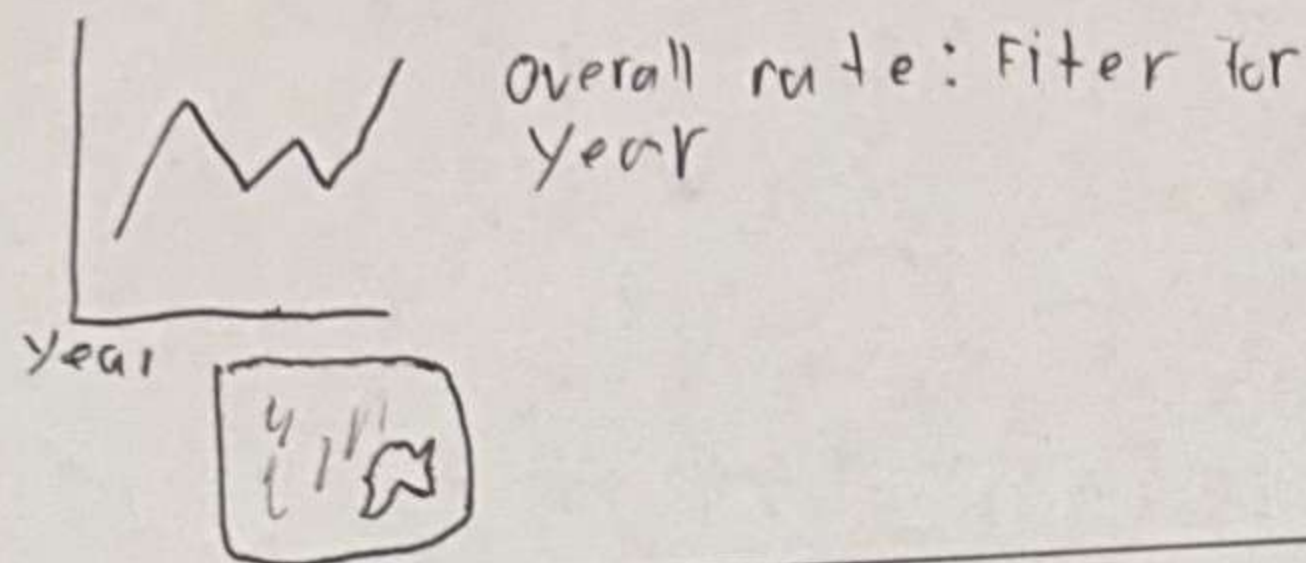
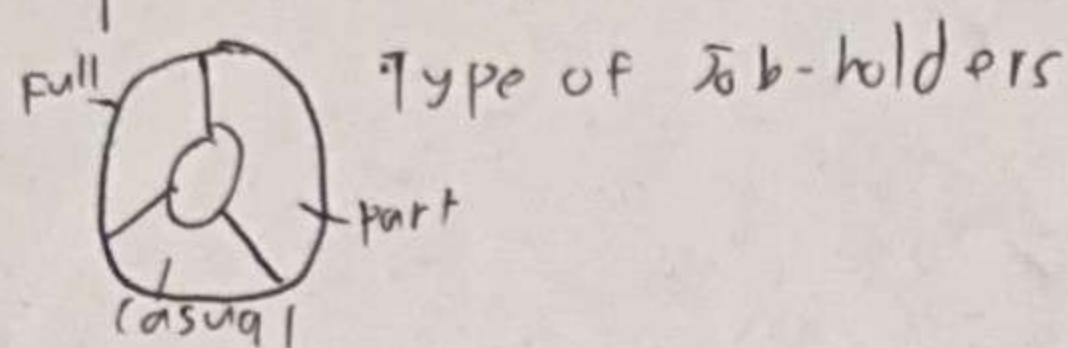
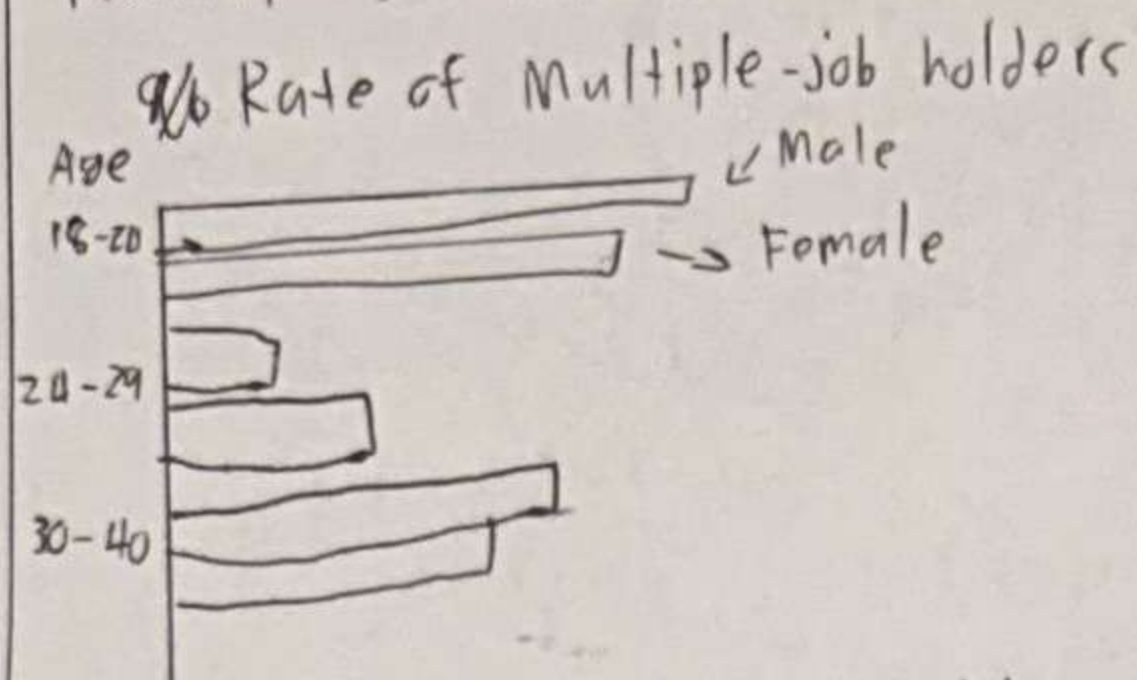
% of job holders
% unemployment
% double employment

Questions

- Which demographics hold the least jobs?
- Which states are more un-employed
- Australia vs other countries

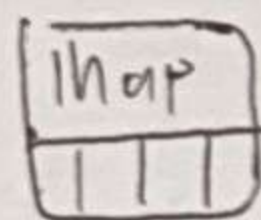
Layout

Multiple Job holders



Focus

- Map is the main focus, ~~at~~ all countries vs Australia, for jobs, etc
- all other charts are smaller than the map



Author: Vincent Wijaya

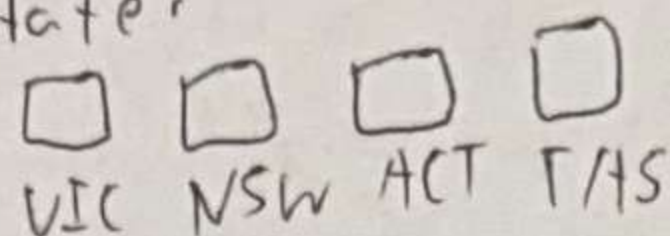
Date: 8-Oct-2025

Sheet 2

Title: Job-holders Across Australia

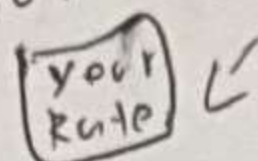
Operations

State:



Tooltips:

All charts have tooltip. Important for time series

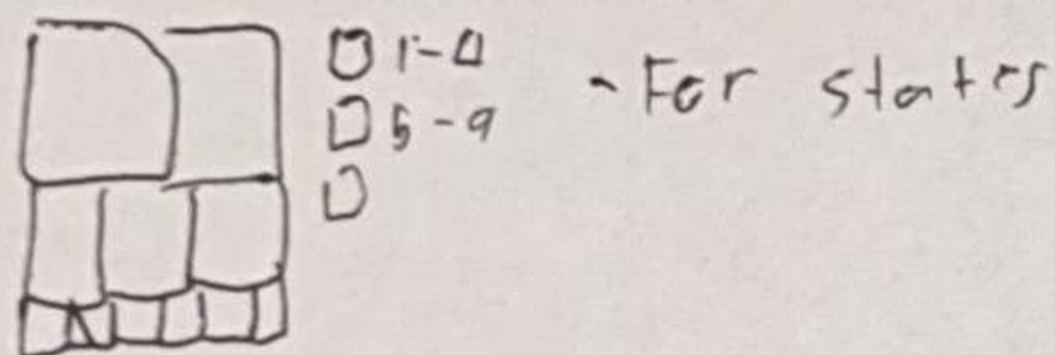
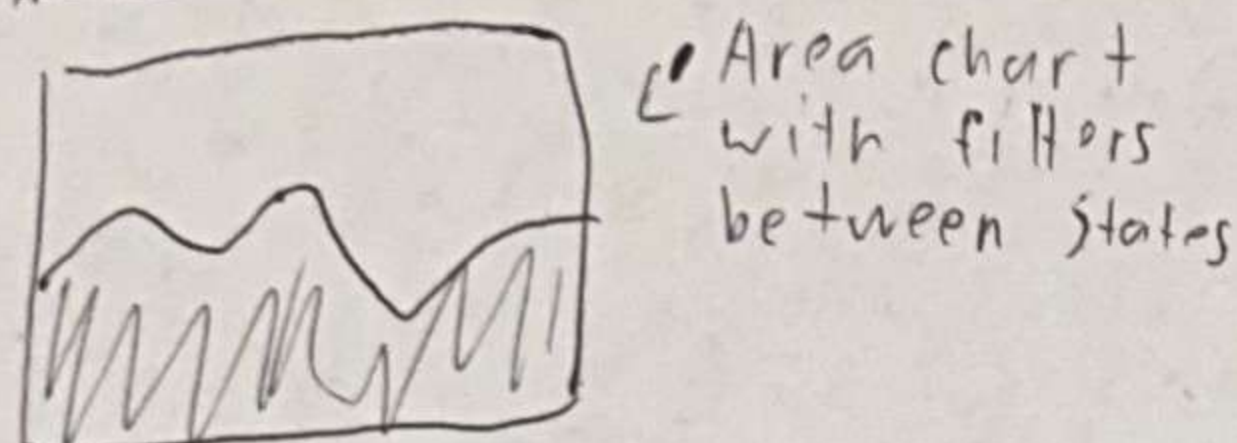
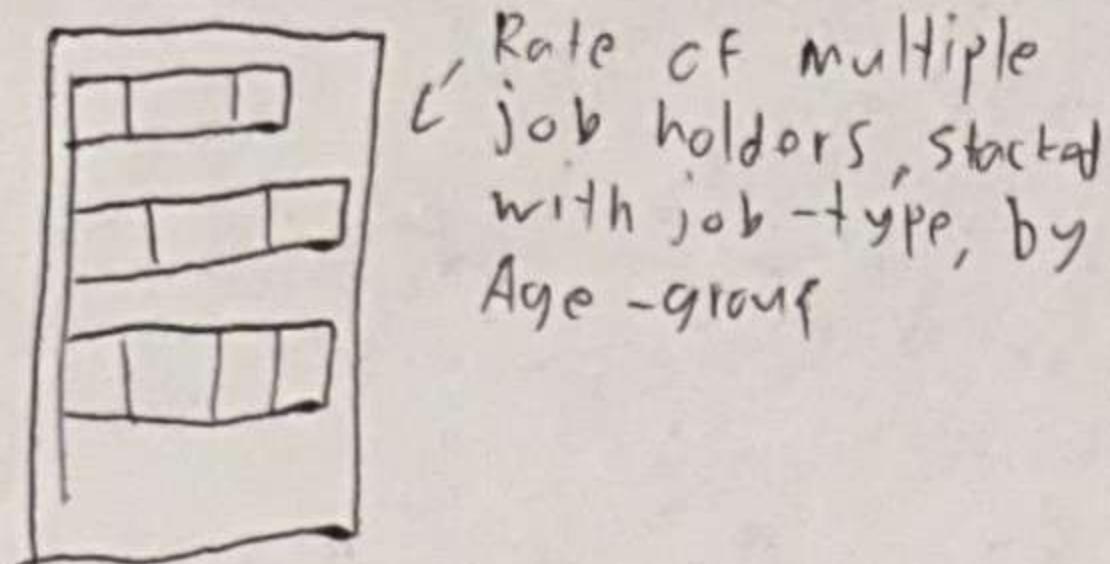
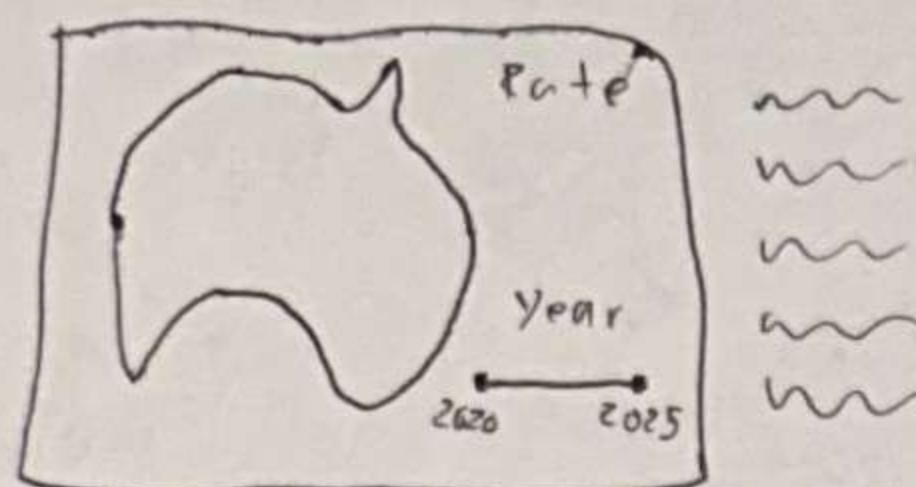


Click to highlight! if vega-lite has that

Discussion

- Maybe use pure css since its all I know
- I imagine the layout is similar to my tableau
- Not sure if I wanna use Australia vs world since thats a lot of data.

Layout



Focus

- Map isn't really the main focus anymore. All charts are equally important
- tooltips might be very useful here
- More quantitative attributes should be used

Author: Vincent Wijaya

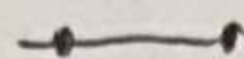
Date: 10 Oct 2025

Sheet 3:

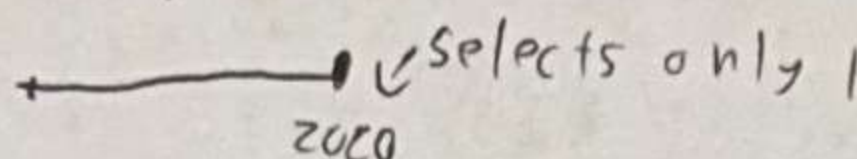
Multiple-job-holders in Australia

Operations

Year - filter for range



and Year select for the map



Drop down menus for state



Selects one at a time?
for the area chart

Tooltips for all charts

Discussion

- I changed topics since the old one was too broad.
- Use pure CSS for the grids
- Focused on Australia instead of other countries since data is more available

Author: Vincent Wijaya

Sheet: 4

Date: 16 Oct 2025

Layout

Title

Intro Paragraph

Color saturation

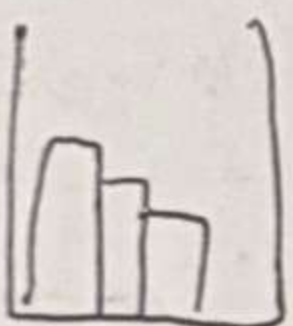
Labels

Use color saturation for the map, showing which states have the highest rate

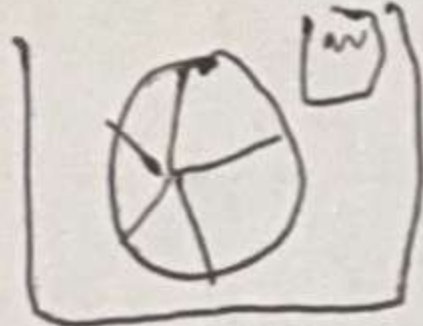
Annotate

Legend

Show ~~double~~ multiple-job rate time series by gender.



By age group



By job-type

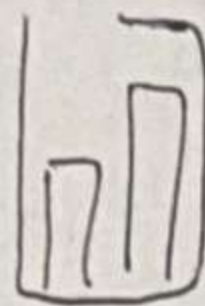
Operations

Year slider still in for time series graph.

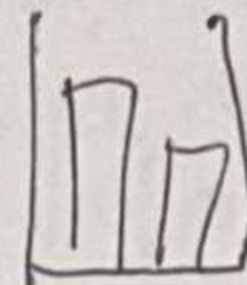
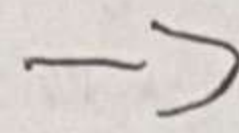


checklist to add or remove states

Legends for categorical data
Dropdown selects for states



2019



2020

Discussions

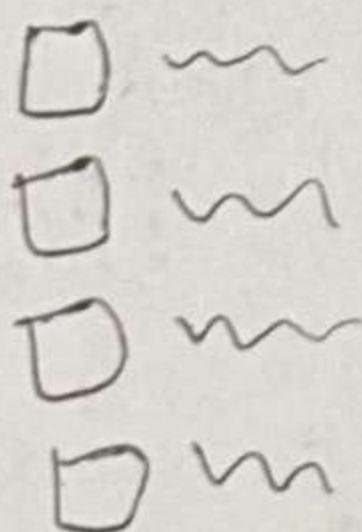
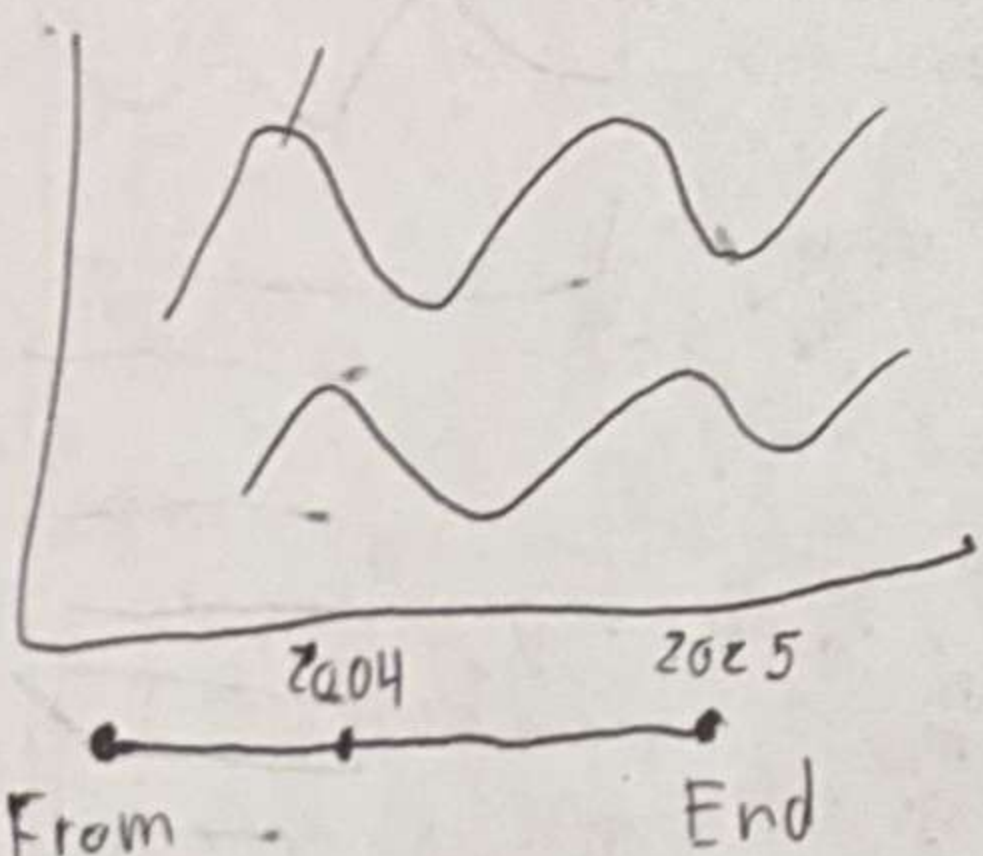
- Too many qualitative variables?
Does it flow well or are these too random?

- Can I even do sliders in Vega-lite, I don't think ~~for~~ year ranges are possible

Focus

Tooltip

States

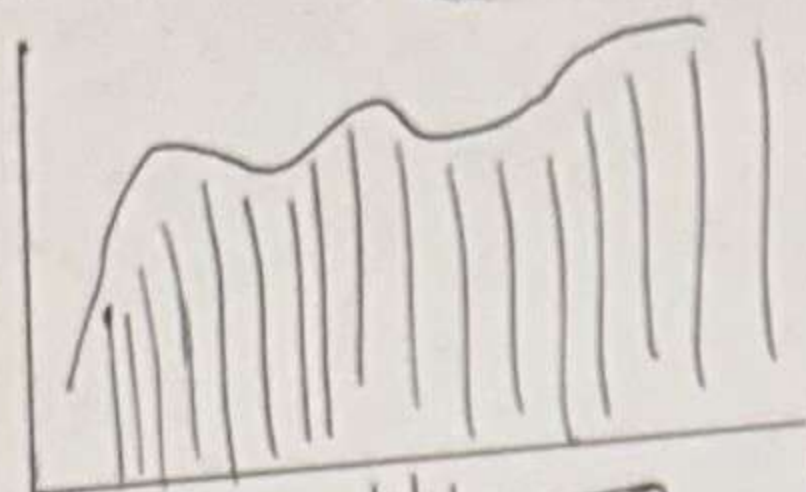


- Take data from all states manually

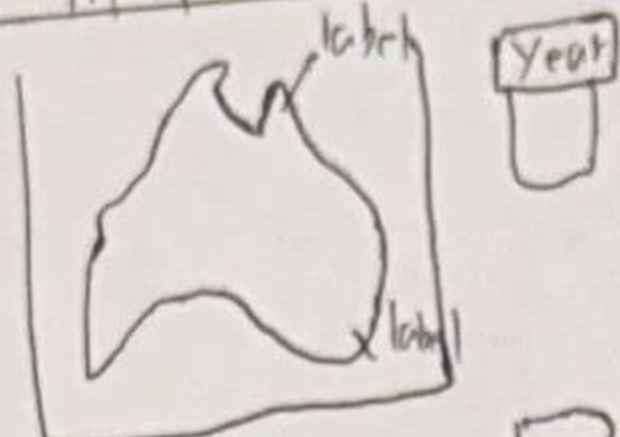
Layout

Title

Introduction

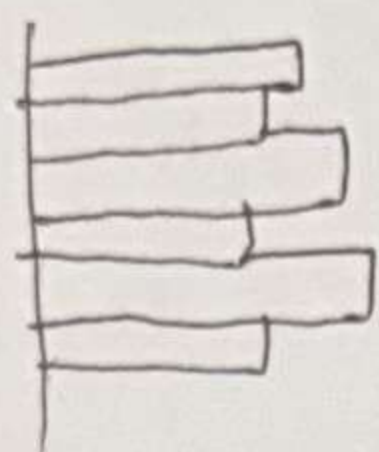


Dual axis, Line for rate and bar for population



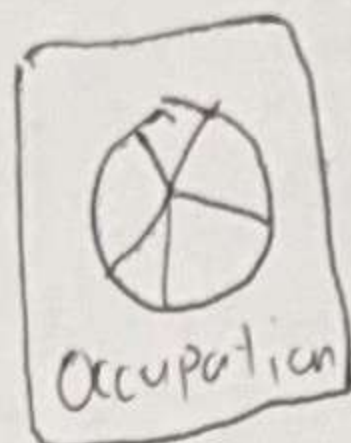
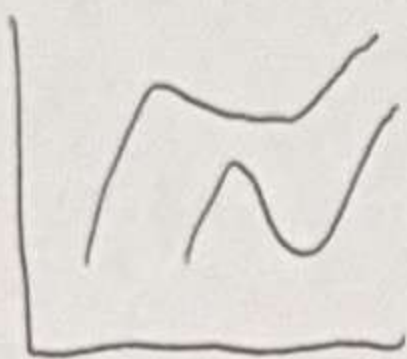
Year

Drop-down menu to select the year and labels for the capital cities.



Which industries are most prevalent for multiple-job holders

Gender Legend



occupation with the most job holders

Title: Multiple job holders in Australia

Author: Vincent Wiljaya

Sheet: Final

Date: 16 October 2025

Operations

Tooltip:

Year Rate

shows the exact Year and Rate

State Rate

works for the map as well. It has for cities or State depends on what you hover on

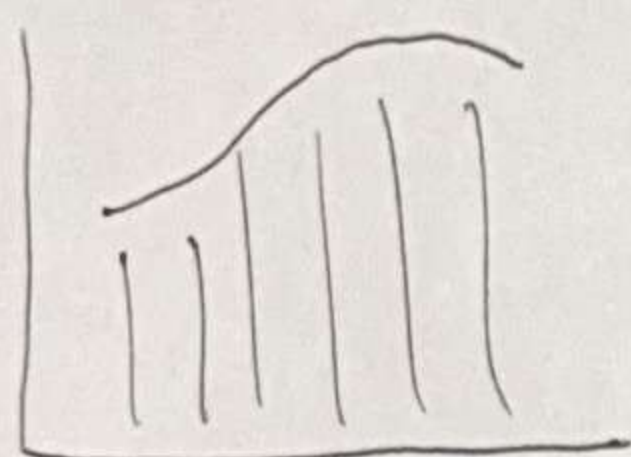
vega lite doesn't have range. So you do from, to

Dropdown menu:

Focus

Chart

Year



Double axis line and bar graph is focused.

- Compare rate and actual Population change
- use labels to highlight outliers

From 2000 To 2021

Detail.

- Data doesn't need much work, ABS provides clean data
- Filters implemented on vega-lite instead of HTML
- use pure CSS and HTML
- Est ~ 10 hours total to create.